Atty. Docket No. OPP031050US Scrial No: 10/722,299

## Amendments to the Claims

- (Currently Amended) A bonding pad of a semiconductor device comprising:

   a barrier metal layer formed on a structure of a semiconductor substrate;
   a metal wire layer formed on the barrier metal layer;
- a passivation metal layer formed on the metal wire layer, having a and removed portion partly to expose a portion of the exposing an upper surface portion of the metal wire layer;

an insulating layer which-is-formed on the passivation metal layer, and has having a contact hole exposing the metal wire layer via the removed portion that of the passivation metal layer is removed; and

an adhesive metal layer formed on the an inner surface of the contact hole, exposing the metal wire layer.

- 2. (Currently Amended) The bonding pad of claim 1, wherein the adhesive metal layer is made of any one of comprises a metallic material selected from a the group of Al, Ti, and TiN.
- 3. (Original) The bonding pad of claim 1, wherein the adhesive metal layer has a thickness of 1000-3000 Å.
- (Currently Amended) A formation method of a bonding pad of a semiconductor device comprising:

forming a barrier metal layer on a-structure-of-a semiconductor substrate and depositing a metal wire layer and a passivation metal layer on the barrier metal layer;

forming an insulating layer and a passivation layer covering the barrier metal layer, the metal wire layer, and the passivation metal layer,

forming a contact hole by coating a photoresist layer on the passivation layer, exposing and developing the photoresist layer to remove a portion of the photoresist layer selectively on an area where a-the\_contact hole will be formed, and etching the passivation layer

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exposed by the removed portion of the photoresist layer and the insulating layer and the passivation metal layer under the passivation layer,

removing the photoresist layer and forming a metal layer on entire surfaces of the passivation layer and the contact hole; and

forming an adhesive metal layer by dry-etching the metal layer to remove a portions of the metal layer placed on the upper surfaces of the passivation layer and metal wire layer and thus-remaining leave only the a portion of the metal layer on an inside surface of the contact hole, exposing the metal wire layer.

- (Original) The method of claim 4, wherein the metal wire layer is formed by 5. depositing aluminum alloy at a temperature of equal to or higher than 100°C.
- (Currently Amended) The method of claim 4, wherein the metal layer is-made of 6. any one of comprises at least one metallic material selected from a the group of Al, Ti, and TiN.
- (Original) The method of claim 4, wherein the metal layer has a thickness of 7. 1000-3000 Å.
- (Original) The method of claim 4, wherein the metal layer is deposited at a 8. temperature of 200-400°C.
- (New) The bonding pad of claim 1, wherein the adhesive metal layer extends to 9. the upper surface of the metal wire layer.
- (New) The bonding pad of claim 1, wherein the metal wire layer comprises an 10. aluminum alloy.

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- The bonding pad of claim 1, wherein the passivation metal kyer (New) 11. comprises a metallic material selected from the group consisting of Ti, TiN, Ta, TaN, WN and Si.
- (New) The bonding pad of claim 1, wherein the insulating layer comprises an 12. oxide.
- (New) The bonding pad of claim 1, further comprising a passivation layer on the 13. insulating layer.
- (New) The bonding pad of claim 13, wherein the passivation layer comprises a 14. nitride.
- (New) A semiconductor device, comprising the bonding pad of claim 1, a 15. soldering material in the contact hole, and a metal wire fixed thereto.
- (New) The bonding pad of claim 1, wherein the barrier metal layer comprises a 16. metal selected from the group consisting of Ti, Ta, TiN and TaN.
- (New) The bonding pad of claim 1, wherein the barrier metal layer has a 17. thickness of 200-1000 Å.
- (New) The bonding pad of claim 1, wherein the metal layer remains only on the 18. inner surface of the contact hole.
- (New) The method of claim 4, wherein the metal layer remains only on the inner 19. surface of the contact hole.